Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 12 Apr 2023 until 23:59 on Thursday 13 Apr 2023

Forecast Issued on Wednesday 12 Apr 2023 at 02:05

Confidence: High for unsettled and cool conditions with hill snow, and for transition towards more settled conditions Saturday. Lower for timing of rain bands and for maximum wind strengths on Wednesday and Thursday.

Headline for Wednesday 12 Apr 2023: Bright start. Then cloudy and unsettled with wintry showers, heavy at times, merging to longer spells. Strong and gusty winds with a risk of gales and perhaps blizzards at height.

Mountain weather hazards on Wednesday 12 Apr 2023

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Sleet	Sleet	Sleet	Sleet
Precipitation probability					
40%	40%	70%	60%	40%	70%

Forecast for Wednesday 12 Apr 2023

Weather: A cold start with scattered blustery showers early on. Showers likely falling as snow above 600m. Areas of precipitation will push in from the west from late-morning, with showers merging to give long spells of rain and hill snow. Low confidence in details. Thundery downpours also possible at times during daylight hours. Snow gradually falling to lower levels, perhaps 400m by mid-afternoon. Showers and longer periods of rain likely to continue through the evening.

Chance of cloud-free hill tops above 600m: 60%, falling to 20% by the afternoon.

Low cloud and visibility: Wintry showers or persistent snow combined with strong and gusty winds may lead to blizzard conditions above 400m and very poor visibility. Low cloud spreading east and lowering by midday, with bases down to 300-500m, perhaps down to lower slopes in the west. Best of bases across the east of the Peaks. Sudden deterioration of cloud bases likely in wintry precipitation which could give prolonged periods of very poor visibility.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 12 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/31 SW	26/35 S	27/37 S	17/23 S	20/28 W	22/31 W	26/36 W
300	19/26 SW	23/33 S	23/34 S	15/21 SW	15/23 W	18/27 W	24/37 W
Valley	12/24 SW	16/31 S	17/34 S	10/19 SW	11/23 W	13/27 W	16/33 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	0/-7	1/-6	2/-4	1/-5	1/-5	2/-6
300	1/-5	3/-3	2/-4	4/-1	4/-1	4/-2	4/-2
Valley	2/-3	4/-0	3/-2	5/2	5/1	4/-0	4/-0
Freezing Level*	400m	500m	600m	700m	700m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 35-45 mph will give difficult conditions with a risk of being blown off balance. Be prepared for sudden strong gusts on lee slopes and exposed ridges. Combination of snow, strong winds and low cloud will give a notable wind chill.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 12 Apr 2023	7.6mm	29.4mm	29.6mm

Forecast for Thursday 13 Apr 2023

Weather: A cloudy and chilly start with a chance of ice patches. Some patchy rain early on soon gives way to scattered showers. These will be much lighter than on Wednesday but may still fall as a wintry mix over highest hills. Shows mostly die off into the evening, with some late sunshine.

Maximum wind: Northwest 20-30 mph, occasionally gusting 40 mph, veering westerly 10-15 mph by evening.

Chance of cloud-free hill tops above 600m: 40% becoming 70%. Lowest bases in showers and in the west.

Low cloud and visibility: Cloud bases will largely remain above summits. Cloud bases falling to around 600m in and around showers and longer spells of rain early on. Visibility excellent with distant hills clearly visible, but poor or very poor in any showers.

Temperature: **Valleys:** Plus 3 Celsius, rising to Plus 8 Celsius
At 600m: Plus 1 Celsius, rising to Plus 4 Celsius
Freezing level: Around the height of summits, then rising above.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.